

Innovation and Technology Commission

Open Data Plan for 2020 to 2022

A. Departmental datasets to be released in 2020

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
Hong Kong Council for Testing and Certification				
1	Commerce and Industry / Cumulative quotas allotted under the Technology Talent Admission Scheme (TechTAS)	01/2020	Half-yearly	The datasets will be made available in XLS and CSV formats.
2	Commerce and Industry / Value Added Per Person Engaged in Testing and Certification Services	04/2020	Annually	The datasets will be made available in XLS and CSV formats.
3	Commerce and Industry / Business Concentration of Private Independent Testing and Certification Establishments	04/2020	Annually	The datasets will be made available in XLS and CSV formats.
Innovation and Technology Fund (ITF)				
4	IT and Broadcasting / Approved projects of ITF in the preceding year	02/2020	Annually	The datasets will be made available in CSV format. Approved ITF projects in the preceding year.
5	IT and Broadcasting / Annual statistics of approved Patent Application Grant	02/2020	Annually	Dataset will be made available in CSV format.

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
				Annual statistics of approved Patent Application Grant.

B. Departmental datasets to be released in 2021 and 2022

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
Innovation and Technology Fund (ITF)				
1	IT and Broadcasting / Approved number of research talents and funding amount by technology areas under Research Talent Hub in the preceding year ^{Note}	02/2021	Annually	Dataset will be made available in CSV format. Annual statistics of approved number of research talents and funding amount by technology areas
2	IT and Broadcasting / Annual statistics of approved projects under Technology Voucher Programme by technological services/solutions	02/2021	Annually	Dataset will be made available in CSV format. Annual statistics of approved projects under Technology Voucher Programme by technological services/solutions adopted
3	IT and Broadcasting / Annual statistics of approved projects under Technology Voucher Programme by type of business	02/2021	Annually	Dataset will be made available in CSV format.

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
				Annual statistics of approved projects under Technology Voucher Programme by type of business of applicants
4	IT and Broadcasting / Approved projects under Public Sector Trial Scheme (PSTS) in the preceding year	02/2022	Annually	Dataset will be made available in CSV format. Approved PSTS projects in the preceding year. The dataset will include project title, funding amount, recipient organisation, etc.

Note: The Researcher Programme and the Postdoctoral Hub have been merged to become the Research Talent Hub since 1 July 2020.

C. Datasets planned to be opened up by other organisations

Hong Kong Science and Technology Parks Corporation

#	Type of Data/ Name of Dataset	Target Release Date (in mm/yyyy)	Frequency of Update	Remarks
1	Transport / HKSP Bus Stop People Queue	04/2020	Real-time	<p>The dataset will be made available in JSON format.</p> <p>Real-time number of people in queue for route nos. 272K, 43P, 272S at the bus stop of Science Park</p>
2	Environment / Indoor Air Quality (IAQ) of Enterprise Building in Science Park	04/2020	Real-time	<p>The dataset will be made available in JSON format.</p> <p>The dataset includes 8 air quality domains including fine suspended particulates (PM 1.0 & PM 2.5), respirable suspended particulates (PM 10), carbon dioxide, formaldehyde (HCHO), temperature, humidity and volatile organic compounds (VOC)</p>

D. Progress: Datasets already uploaded to PSI Portal by Department and other organisations

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
Designated Local Research Institutions (DLRI)				
1	Commerce and Industry / List of Designated Local Research Institutions	01/2019	Monthly	The datasets are available in JSON format. The list of “Designated Local Research Institutions” includes a list of local universities, colleges and local institutions which are designated by the Commissioner for Innovation and Technology pursuant to Section 19(1), Schedule 45 of the Inland Revenue Ordinance (Cap. 112).
Hong Kong Accreditation Service (HKAS)				
2	Commerce and Industry / List of Accredited Laboratories under Hong Kong Laboratory Accreditation Scheme (HOKLAS)	06/2018	Monthly	The dataset is available in CSV format.
3	Commerce and Industry / List of Accredited Certification Bodies under Hong Kong Certification Body Accreditation Scheme (HKCAS)	06/2018	Monthly	- Ditto -
4	Commerce and Industry / List of Accredited Inspection Bodies under Hong Kong Inspection Body Accreditation Scheme (HKIAS)	06/2018	Monthly	- Ditto -

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
Hong Kong Council for Testing and Certification (HKCTC)				
5	Commerce and Industry / Number of Establishments and Persons Engaged in Testing and Certification Activities	12/2018	Annually	The dataset is available in XLS and CSV formats.
6	Commerce and Industry / Private Independent Testing and Certification Establishments - Principal Statistics	12/2018	Annually	- Ditto -
7	Commerce and Industry / Private Independent Testing and Certification Establishments - Business Receipts by Service Type	12/2018	Annually	- Ditto -
8	Commerce and Industry / Private Independent Testing and Certification Establishments - Business Receipts from Testing	12/2018	Annually	- Ditto -
9	Commerce and Industry / Private Independent Testing and Certification Establishments - Business Receipts by Establishment Size	12/2018	Annually	- Ditto -
10	Commerce and Industry / Private Independent Testing and Certification Establishments and Persons Engaged by Establishment Size	12/2018	Annually	- Ditto -
11	Commerce and Industry / Private Independent Testing and Certification Establishments - Persons Engaged by Occupation	12/2018	Annually	- Ditto

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
12	Commerce and Industry / Private Independent Testing and Certification Establishments - Professional Staff Engaged by Education Attainment	12/2018	Annually	- Ditto
13	Commerce and Industry / Private Independent Testing and Certification Establishments - Associate Professional Staff Engaged by Education Attainment	12/2018	Annually	- Ditto
14	Commerce and Industry / Other Establishments with Testing Activities – Persons Engaged by Occupation	06/2019	Annually	The datasets are available in XLS and CSV formats. “Other establishments” refer to manufacturers and exporters engaging 100 persons or more and with in-house laboratories, and laboratories in Government departments/public organisations.
15	Commerce and Industry / Private Independent Testing and Certification Establishments-Gross Surplus/Business Receipts Ratios	06/2019	Annually	The datasets will be made available in XLS and CSV formats.
Innovation and Technology Fund (ITF)				
16	IT and Broadcasting / Cumulative statistics of approved projects of ITF	10/2015 (first release date)	Monthly	The dataset is available in CSV format. Cumulative statistics of approved projects of ITF by funding programmes.
17	IT and Broadcasting / Distribution of approved	10/2015 (first	Monthly	The dataset is available in CSV

#	Type of Data/ Name of Dataset	Release Date (in mm/yyyy)	Frequency of Update	Remarks
	projects of ITF among industrial sectors	release date)		format. Distribution of approved projects of ITF by funding programmes and industrial sectors.
18	IT and Broadcasting / Distribution of approved projects of ITF among technology sectors	10/2015 (first release date)	Monthly	The dataset is available in CSV format. Distribution of approved projects of ITF by funding programmes and technology sectors.
19	IT and Broadcasting / Annual statistics of approved projects of ITF	08/2019	Annually (From 2020 onwards, in February)	The datasets are available in CSV format. Annual statistics of approved projects of Innovation and Technology Fund by funding programmes.
20	IT and Broadcasting / Annual statistics of approved projects of ITF among industrial sectors	08/2019	Annually (From 2020 onwards, in February)	The datasets are available in CSV format. Annual statistics of approved projects of Innovation and Technology Fund by funding programmes and industrial sectors.
21	IT and Broadcasting / Annual statistics of approved projects of ITF among technology sectors	08/2019	Annually (From 2020 onwards, in February)	The datasets are available in CSV format. Annual statistics of approved

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				projects of Innovation and Technology Fund by funding programmes and technology sectors.
Research and Development (R&D) Centres				
22	Miscellaneous / Key Performance Indicators	06/2019	Annually	The datasets are available in CSV format. Key Performance Indicators of R&D Centres.
Hong Kong Productivity Council (HKPC)				
23	Miscellaneous / Key Performance Indicators	07/2019	Annually	The datasets are available in CSV format. Key Performance Indicators of HKPC.
Hong Kong Science and Technology Parks Corporation (HKSTPC)				
24	City Management / Shared Bike Location in Hong Kong Science Park	04/2019	Real-time	The datasets are available in JSON format. Current availability of shared bike and its location in Hong Kong Science Park.
25	Transport / HKSTP Mini-bus People Queue in Hong Kong Science Park	04/2019	Real-time	The datasets are available in JSON format. Real time no. of people in queue at the mini-bus stop in Hong Kong Science Park.

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26	Transport / Taxi & Mini-Bus Queue in Hong Kong Science Park	04/2019	Real-time	The datasets are available in JSON format. Real-time no. of red & green taxi and mini-bus at the station in Hong Kong Science Park.
27	Commerce and Industry / Number of Technology Companies	05/2019	Monthly	Data is available in XML format. Monthly figure of the number of technology companies located in Science Park.
28	Commerce and Industry / Number of Incubation Graduates	05/2019	Monthly	Data is available in XML format. Monthly figure of accumulative incubation graduates since inception of HKSTPC.
29	Commerce and Industry / Number of R&D Practitioners	05/2019	Annually	Data is available in XML format. Number of research and development workers in Science Park.
30	Commerce and Industry / Lab & Office Space	05/2019	Annually	Data is available in XML format. An estimate of total lab and office space occupancy, rounded up to 1,000 sq. ft.
31	Commerce and Industry / Direct Investment Raised in Previous Fiscal Year	05/2019	Annually	Data is available in XML format. An estimate of direct investment raised in previous fiscal year.

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32	Commerce and Industry/ HKSTPC Company Directory	07/2019	Real-time	Data is available in JSON format. A complete directory of companies in Science Park, including classification of technology, program, as well as address and contact details.
33	Commerce and Industry / Talent Pool and Recruitment	07/2019	Real-time	Data is available in JSON format. A list of all job recruitment advertisements put up by HKSTP and all of its Park companies. It includes the job name, description, hiring company, etc.
34	Commerce and Industry/ Press and Media Coverage	07/2019	Real-time	Data is available in JSON by API Real-time news of all companies from Science Park, including success stories, product launch, partnership, etc.

Innovation and Technology Commission
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